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Substitute for form 1449A/PTO <h2 style="text-align: center;">INFORMATION DISCLOSURE STATEMENT BY APPLICANT</h2> <p style="text-align: center; font-size: small;">(file as many sheets as necessary)</p>		<h3 style="text-align: center;">Complete if Known</h3> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Application Number</td> <td style="width: 50%;">10/587,906</td> </tr> <tr> <td>Filing Date</td> <td>July 31, 2006</td> </tr> <tr> <td>First Named Inventor</td> <td>Hisayoshi MIZUGAKI et al.</td> </tr> <tr> <td>Art Unit</td> <td>2821</td> </tr> <tr> <td>Examiner Name</td> <td>Shih-Wei Chen</td> </tr> <tr> <td>Attorney Docket Number</td> <td>1204.46397X00</td> </tr> </table>		Application Number	10/587,906	Filing Date	July 31, 2006	First Named Inventor	Hisayoshi MIZUGAKI et al.	Art Unit	2821	Examiner Name	Shih-Wei Chen	Attorney Docket Number	1204.46397X00
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Art Unit	2821														
Examiner Name	Shih-Wei Chen														
Attorney Docket Number	1204.46397X00														
Sheet	1	of	2												

U.S. PATENT DOCUMENTS						
Examiner Initials ¹	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)				
ce		US- 6,239,762	B1	05/29/2001	LIER	
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FOREIGN PATENT DOCUMENTS						
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		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
CA		JP 06-053734	02/25/1994	Yagi Antenna Co. Ltd.		Abs
CA		JP 08-154013	06/11/1996	Hitachi Chem. Co. Ltd.		Abs
CA		JP 04-082405	03/16/1992	Hitachi Chem. Co. Ltd.		Abs
CA		JP 05-160626	06/25/1993	Hitachi Chem. Co. Ltd.		Abs
CA		JP 01-165207	06/29/1989	Arimura Giken KK		Abs

Examiner Signature	Shih-Wei Chen	Date Considered	12/10/07
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			Application Number		
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			Group Art Unit		
			Examiner Name		
Sheet	2	of	2	Attorney Docket Number	1204.46397X00

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
ca		Antenna Engineering Handbook (pages 200-205) dated July 10, 1984 in English and Japanese	
ca		Decision of Refusal (Office Action) dated October 6, 2005, in JP 2004-57872 (in English and Japanese)	
ca		Decision of Refusal (Office Action) dated April 5, 2005 in JP 2004-57872 (in English and Japanese)	

Examiner Signature	shih-kuo chen	Date Considered	12/10/07
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